Date: Sat, 23 Jan 93 04:30:03 PST
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #22
To: packet-radio

Packet-Radio Digest  Sat, 23 Jan 93  Volume 93 : Issue  22

Today's Topics:



Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party.  Your mileage may vary.  So there.
---

Date: 22 Jan 93 18:32:59 GMT
From: noao!ncar!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!
tellab5!jwa@arizona.edu
Subject: Bowtie Filter
To: packet-radio@ucsd.edu

There is a new filter circuit in the works for the PK232 and the KAM.  It
improves the filter response and tone seperation using matched filters.
It also improves the "crossed football" oscilloscope tuning display by
providing a + pattern which means you can tune your receiver frequency
to a fine hair!  It also cleanes up the distortion problem in the PK232.

The bowtie circuit is a small board with filter chips that mounts on the TNC's mother board by removining two filter chips.  There will be extender pins on the board that mate with the empty chip positions.

I saw a prototype that was installed in KAM and I was impressed!
If you want more information write to WILLCO Electronics, P.O. Box 788 New Lenox, Il 60451

---


Jack Albert  Fellow Radio Hacker
Tele (708) 512-7854
Tellabs, Inc.  FAX  (708) 852-7346
4951 Indiana Ave.  jwa@tellabs.com
Lisle, IL
60532


Do things really go better with Coca-Cola?

---

Date: 22 Jan 1993 21:42:46 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!stanford.edu!rock!concert!lester.appstate.edu!lester.appstate.edu!usenet@network.UCSD.EDU
Subject: Help Windows and Lan-link 2.00
To: packet-radio@ucsd.edu

Perhaps someone will help me or point me in the right direction.

I have been using Lan-link 2.00 for about four months as a stand alone program with my 286 vintage computer and had everything working ok.

A week ago I upgraded to a 386 which has Windows and I am somewhat befuddled over the multitasking aspect.  I have Lan-link working as a non-Windows application and can run it ok as a single task but I do not seem to be able to properly set up the computer/Windows for multi-tasking to simultaneously run Lan-Link 2.00 in the foreground and a long print job on my Wordperfect 5.1 in the background.

Can someone give me some step by step instructions on how I can do this? I run in 386 enhanced mode, have 2 mb RAM, and apparently do not properly understand the PIF's or something about this.  Help is needed!

Thanks, Marv
KD4EGV

Bitnet:    HOFFMANMK@APPSTATE
Internet:  HOFFMANMK@CONRAD.APPSTATE.EDU

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Date: Fri, 22 Jan 93 23:50:38 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!warwick!nott-cs!unicorn!
eeyimkn@network.UCSD.EDU
Subject: KA9Q NOS - saving screen output
To: packet-radio@ucsd.edu

In article <C17KzM.2Mr2@austin.ibm.com> miltonm@inetnode.austin.ibm.com (Milton
Miller) writes:
>Just about any version of NOS will allow you to record session output
>with the record command.   After you start the session, hit F10 and
>type "record savefile" where savefile is the name of the file.  To turn
>it off, use record off, and to check use just record.  Caveat:  You can
>only tell it to record after you start the session, so you tend to miss
>the beginning resolve :)

Another thing which confused me incredibly - when using WNOS (and probably
therefore most other systems inc. KA9Q), in multiple sessions it's essential
to specify the number of the session, i.e...
record 1 foobar.txt

Same with upload. I took ages trying to work this one out %-\
Cheers
Mike


+-- 'with the lights out, it's less dangerous...' --------------------------+
\------ Mike Knell, Willoughby Hall, University of Nottingham, IO92JX ------/
 \  AMPRnet: mikee@g7gpa.ampr.org -=- Internet: eeyimkn@unicorn.nott.ac.uk /
  \   JANET: eeyimkn@uk.ac.nott.unicorn   AX25: G7GPA@GB7BAD.#23.GBR.EU   /
   +-------------------------------- 'oh well, whatever, nevermind...'--+

------------------------------

Date: 22 Jan 93 19:51:59 CST
From: usc!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!caen!
kuhub.cc.ukans.edu!whitten@network.UCSD.EDU
Subject: Making JNOS smaller
To: packet-radio@ucsd.edu

I'm trying to recompile the JNOS source code, with with everything
but what I need "turned off" to save memory.

The problem is, even though I've UNDEF'ed everything in the config.h

the .EXE comes out even bigger than the usually distributed version.
What do I need to do to exclude the stuff I don't need?

I'm using Borland C++ 3.0

Thanks,
Chris


==========================================================================
 WHITTEN@KUHUB.CC.UKANS.EDU                  Chris Whittenburg, N0TWA
 WHITTEN@UKANVAX.bitnet              Univ. of Kansas - Electrical Engineering
==========================================================================


---

Date: Fri, 22 Jan 1993 22:10:44
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!axa12-slip.DIALIN.CWRU.Edu!ashok@network.UCSD.EDU
Subject: Making JNOS smaller
To: packet-radio@ucsd.edu

In article <1993Jan22.195159.46655@kuhub.cc.ukans.edu> whitten@kuhub.cc.ukans.edu writes:
>From: whitten@kuhub.cc.ukans.edu
>Subject: Making JNOS smaller
>Date: 22 Jan 93 19:51:59 CST


>I'm trying to recompile the JNOS source code, with with everything
>but what I need "turned off" to save memory.

>The problem is, even though I've UNDEF'ed everything in the config.h
>the .EXE comes out even bigger than the usually distributed version.
>What do I need to do to exclude the stuff I don't need?

As I recall, the last step in JNOS compilation is using PKLITE to compress the executable.  Are you doing this?

Ashok

---------------------------------------------------------------------
                            Ashok Aiyar
                     Department of Biochemistry
                      CWRU School of Medicine
---------------------------------------------------------------------


---

Date: 22 Jan 93 13:58:38 GMT
From: ogicse!uwm.edu!linac!att!cbnewse!parnass@network.UCSD.EDU
Subject: NEED HELP FINDING OLD CALLSIGN
To: packet-radio@ucsd.edu

Stuart Tener said:

> In the future you can telnet to "callsign.cs.buffalo.edu 2000"
> and do callsign database lookups via your own terminal.
>
> there is also another database server: ham.njit.edu 2000
>
> both are accurate, thow buffalo has newer software.....
> stuart b. tener  tener@cs.widener.edu  (215)-338-6005

The servers you mentioned won't help this guy answer
his question about old callsigns from the 60s and 70s.
The data doesn't go back that far but I wish it did.

None of my old callsigns are listed on the servers and
I've been licensed continuously since 1965 (WN2TQK, WB2TQK,
WD9CQM, ...) .

Also, some people *incorrectly* assume that you can tell how
long a ham has been licensed from the data on these servers.
--
==========================================================================
Bob Parnass, AJ9S  -  AT&T Bell Labs  -  parnass@ihlpm.att.com - (708)979-5414

---

Date: 22 Jan 93 09:07:40 GMT
From: hela.iti.org!cs.widener.edu!widener!nobody@uunet.uu.net
Subject: NEED HELP FINDING OLD CALLSIGN
To: packet-radio@ucsd.edu

Trying 128.205.32.2...
Connected to callsign.cs.buffalo.edu.
Escape character is '^]'.
Callbook v1.3  Bug reports to bowen@cs.buffalo.edu  Type 'help' for help
>> call n9jen
Call-Sign: N9JEN                    Class: GENERAL
Previously: KA9VTP                  Class: TECHNICIAN
Real Name: DYSON A HUNT             Birthday: DEC 27, 1949
Mailing Address: 5250 WILLIAMS RD, HARTFORD, WI  53027
Station Address: SAME AS MAILING ADDRESS
Valid From: OCT 2, 1990             To: OCT 2, 2000

Records Last Processed: OCT 2, 1990
>> quit

In the future you can telnet to "callsign.cs.buffalo.edu 2000"
and do callsign database lookups via your own terminal.

there is also another database server:
ham.njit.edu 2000

both are accurate, thow buffalo has newer software.

thank you,

stuart b. tener
tener@cs.widener.edu
(215)-338-6005

---

Date: 22 Jan 93 12:02:14 MDT
From: usc!cs.utexas.edu!hellgate.utah.edu!cc.usu.edu!sltmw@network.UCSD.EDU
Subject: NOS that unzips correctly ??
To: packet-radio@ucsd.edu

Hello, I am having a wee bit of a problem.
Currently, I run version 1.04 of WG7J's NOS program,
and there seems to be a few bugs in it..I think it was from the source code.
Anyway, I want to switch to KA9Q's NOS, but I can't seem to find a reliable
source for the FTP site. Every site that I have tried has a bum version of
it...PKZIP can't unzip it, it says that there are too many errors.
Am I doing something wrong, or what? Is there a kind soul that could help me?
I don't mind getting the source code, in fact that would be a bonus, but I
would like a running copy..
73 de Dan
--
---------------The Ex-Royal Gigolo of the House of Norwedia----------------------
  /                    | "I drank WHAT?"                                -Socrates
  \ uper |)an |-|olmes | "I love the smell of Napalm in the morning" -Big Duke:
  /     'N7NKR'        |                                          Apocalypse Now
-------------------------------------------------------------------------------
I'net: sltmw@cc.usu.edu  sltmw@cache.declab.usu.edu     Bitnet: sltmw@usu.bitnet
-------------------------------------------------------------------------------
ghazexsrcwtdceterfygtgyiy  <---------sorry, just wiping the puke off my keyboard

---

Date: Fri, 22 Jan 1993 15:28:17 GMT
From: usc!sdd.hp.com!swrinde!emory!rsiatl!ke4zv!gary@network.UCSD.EDU

Subject: PK-232 vs MFJ1278 (opinions wonted)
To: packet-radio@ucsd.edu

In article <9301201751.AA22332@ucsd.edu> GREG@PLSZUS11.BITNET writes:
>Hi all,
>
>Some time ago I decided to by new all modes TNC. After short searching
>it looks there are only to models to consider: PK-232 and MFJ-1278.
>There is very hard to choose especialy that it will not cost a couple
>of bucks... I am not very experienced on this field so I do rely on
>opinions of other packet friends.

In this month's QST, AEA has a full page ad for their new PK-900.
It claims to do it all, including sharp greyscale FAX, memory ARQ,
true DCD state machine, true dual port, and optional 9600 baud modem.
This all in addition to the normal AMTOR, RTTY, Packet, and CW that
the PK-232 has. The ad says it uses 3 microprocessors, and the picture
shows a snazzy LCD front panel.

Gary
--

Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |


---

Date: 22 Jan 93 22:36:56 GMT
From: news-mail-gateway@ucsd.edu
Subject: ramsey kit/pmp
To: packet-radio@ucsd.edu

A couple of notes on Brad's comments on PMP and the Ramsey kit. I don't know
what Ramsey has done concerning PMP as they never contacted us, but the modem
is not terribly special. Andy is now handling PMP as he has graduated and moved
east and mail forwarding from my address to his is subject to my travel schedule
. You can contact him about PMP directly at payne@crl.dec.com about kit stuff.
About modem connections and such I can still answer questions. The software is
posted on helios.tn.cornell.edu in the /pub directory, on CI$, and presumably
still on the 73 BBS, although they had chopped down the full set of data at
one point to just those files necessary to run to keep the phones from being
so tied up. The CIS and helios postings should include the source and we are
interested in any upgrades or improvements that get made to the program.

As far as powering from the serial port - I think the ports are only rated to
deliver 20 ma under short circuit conditions, at least the 1488 drivers are -
the original port spec might have been 500 ma. In my testing on the computers

I could get my hands on, I could get about 7 ma per handshake line before the voltage started to sag. Which is why PMP will turn on two lines to be parallelto supply the power. BTW, the serial port cannot power the version with the timer chip and the led's. That takes about 45 ma, but the simple version which is what I use, only takes about 12 ma total and I've had no problem on any machine I've tried.

I'm not sure what Brad meant about the serial line problem on the PTT on his HT, PMP uses only the parallel port for PTT. D0 and D1 are used for TX data and PTT and the two input lines error and ack are used for carrier detect and RX data. We used the parallel port because it didnt' require the level shifting and simplified the modem and because the parallel port is almost always free on a laptop in the field.

Hope that helps.

Kevin Feeney - WB2EMS

---

Date: 22 Jan 93 14:16:24 GMT
From: agate!doc.ic.ac.uk!uknet!gdt!aber!auj@ames.arpa
Subject: rsgb gb2rs news  17th november 1993
To: packet-radio@ucsd.edu

> Subject: Re: rsgb gb2rs news  17th november 1993

Are the RSGB really going to like having their news published eleven months before they write it ?

Alun.

--
+---------------------------------------------------------------------+
| Alun Jones, Computer Science Dept. | Email : auj@aber.ac.uk         |
| U.W. Aberystwyth, Wales            | GW1URF (Packet coming soon!) |
+--Hi, I'm a signature Virus :-) Copy me into your sig to join in.--+

---

Date: Fri, 22 Jan 1993 01:05:19 +0000
From: ucselx!sol.ctr.columbia.edu!destroyer!cs.ubc.ca!unixg.ubc.ca!
kakwa.ucs.ualberta.ca!ersys!adec23!ve6mgs!rec-radio-info@network.UCSD.EDU
Subject: rsgb gb2rs news  24th jan 1993
To: packet-radio@ucsd.edu

Good morning. It's Sunday the 24th of January and here is the GB2RS news

broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- A new way to hear the GB2RS main news bulletin; a statement regarding RAEN Limited; and the RSGB's phone numbers are changing.

And we start this week with news of a new way you can hear the GB2RS National News: The RSGB is making the GB2RS National News available by telephone for an experimental period using a premium line. The news bulletin will normally be available to callers in advance of the regular Sunday broadcasts, usually from a Thursday evening. The service should be particularly useful to those who are not able to receive the scheduled broadcasts every week. The bulletin is accessed by calling 0336 407394. Further information services are planned, including the local GB2RS bulletins but these will be implemented only if this initial experiment is a success. If you have any suggestions for additional services, please send them to Nigel Roberts, G4IJF, via RSGB HQ. I'll repeat that number: 0336 407394 and please note that calls will be charged at 36 pence per minute at cheap rate and 48 pence per minute at all other times. A proportion of the proceeds will go to the RSGB.

The following announcement has been made by the Council of the Radio Society of Great Britain regarding the affiliation of Radio Amateur Emergency Network Limited. The application by the Radio Amateur Emergency Network Limited to affiliate to the RSGB was briefly discussed at the January Council meeting, and in accordance with standard practice for application from national bodies, was referred to the Chairman of the Membership Liaison Committee. He has informed the President and the Company Secretary that there are important points in this matter which he wishes Council to discuss, and has requested that the matter be placed on the Agenda of the February Council meeting. No licence or permission for the use of the Raynet logo is granted to any group other than as stated on page 8 of the January issue of Radio Communication.

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Date: 22 Jan 93 17:12:26 GMT
From: stanford.edu!morrow.stanford.edu!morrow.stanford.edu!not-for-mail@uunet.uu.net
Subject: TAPR TNC Rev 3 -- Documents?
To: packet-radio@ucsd.edu

I have a TAPR TNC Rev 3 with roms labled 3.3.  It came to me with no documentation.  Does anyone have a copy?

Steve Eastman
Systems Programmer
Research Libraries Group, Inc.\Stanford University

1200 Villa Street
Mountain View, CA USA 94041-1100
BR.SJE@RLG.BITNET or BR.SJE@Forsythe.Stanford.Edu
(415) 864-1019 (home vox)
(415) 691-2387 (work vox)
(415) 964-0943 (work fax)
Home: 346 South Van Ness Avenue
San Francisco, CA USA 94103

---

Date: (null)
From: (null)

numbers will have the number six added the beginning of the existing numbers. This affects all RSGB HQ numbers, including the general enquiry number which will become 0707 659015.

The Goole Radio and Electronics Society has reported the theft a week ago of the following equipment: a Yaesu FT730R serial number 3C060105, a Yeasu FT230, serial number 4C220005 and a Cleartone Commando four metre FM rig, crystalled for 70.35 and 70.375MHz. Anyone who is offered any of this equipment or knows of its whereabouts is asked to contact the Secretary Richard Sugden, G0GLZ, on 0405 769968.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO. From Pitcairn Island, VK4CPU and WK3D will sign VR6BB and VR6JJ respectively from early January until March, the exact date depends on transportation. They will be on all bands 6 to 160 metres using CW, SSB, RTTY and FM. From Kampuchea, PA3BTQ will sign XU6TQ until the end of January. Check 14.050 or 21.050MHz on CW and 14.315 or 21.315MHz on SSB. From Turkey, DJ0UJ will sign TA2BK on 10 to 40 metres, especially the WARC bands. From the British Virgin Islands, W2GUP will sign VP2V/W2GUP from now until early March on CW only, mainly on the WARC Bands. From Tonga, A35CT hopes to be active for the next 2 to 3 years, check 14.219MHz at 0530GMT.

Rally news now and we know of two events for today Sunday, the 24th:

The Lancastrian Rally is being held at the University of Lancaster. Doors open at 10.30 for disabled visitors. The Oldham Amateur Radio Club's Mobile Radio Rally is being held at the Queen Elizabeth Hall, Civic Centre, West Street, Oldham. Doors open for Morse Test participants at 1000am, for Disabled visitors at 1030 and at 1100am for all others. There are catering facilities and ample car parking. Talk-in on is channel S22 from 0900am using the callsign GB4ORC. We know of no rally scheduled for next weekend, Saturday the 30th and Sunday the 31st.

Next a date for your diary:

RSGB'93, the RSGB's National Amateur Radio Show, takes place on Sunday the 16th of May at the National Exhibition Centre near Birmingham. There will be the usual large trade show plus many stands showing the RSGB at work. Further details can be obtained from the organiser Norman Miller on 0277 225563.

Next some HF Contest news:

The RSGB LF Cumulative Contest sessions take place as follows: The 3.5MHz session is today Sunday the 24th, from 1600 to 1800GMT. The 1.8MHz event is scheduled for Thursday the 28th, from 2000 to 2200GMT. And the 7MHz event is on Sunday the 31st of January, from 1000 to 1200GMT. For further details see page 62 of December's edition of Radio Communication. The CQ World Wide 160 Metre DX contest will take place between 2200 on Friday the 29th, to 1600 on Sunday the 31st of January. Further details can be found on page 12 of January's RadCom.

Now the VHF Contest news:

The first of five 70MHz Cumulative Contests is today Sunday the 24th, from 1000 to 1200GMT. The next one is scheduled for next Sunday the 31st of January. For further details see December's RadCom page 61.

Four Midlands VHF repeaters are currently running on timeswitches to restrict access to the daytime. This does not prevent their use at other times by any amateur radio emergency organisation when assisting user services in a genuine emergency.

And now the solar factual data:

The more active side of the sun has been looking our way during the period 11th to 17th January. This has been accompanied by an improvement in HF band conditions, though there was little flare activity. Magnetic activity has been very unsettled. There have not been any significant flares, the only one reported being an C9.2/1F on the 13th. Spot counts have generally declined and meaned about the 100s. Solar flux levels also declined from 141 units on the 13th to 126 units by the 17th, with the period averaging 133 units. The geomagnetic activity was very unsettled being up to sub storm on the 11th and 14th. This was due to disappearing filaments and the passage of coronal holes. The effects of the storms were mainly in the northern latitudes. The geomagnetic Ap index averaged 16.2 units, with K levels up to K6 on the 11th, and K4 most other days. The state has been nil throughout the period, nothing to report except the magnetic activity at high latitudes. The radio quality indices improved slightly every day and were in the top of the normal band by the 17th. There were no poor circuits but the Tokyo circuit was up to very good on a number of days. The aa indices, as supplied by the British Geological Survey for the 5th to 11th of January, gave daily averages of 33.3 nanoTeslas, about K3, with afternoon periods of 102 nanoTeslas on the 7th and 11th, about K5. There was no quiet day. Bartells rotation 2178 started on the

13th of January.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, did not vary much over the period and averaged 9.9MHz, except for the 11th which reached 11.3MHz. The darkness hour lows averaged 2.5MHz and did not vary much day to day. The lows occur around 0600 hours daily but the highs vary between 0900 hours up to 1100 hours.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg averaged 9.4MHz, and the darkness hour lows 2.6MHz. Flares are classified in X-ray energy range starting at type A, through to C for the lower energy ranges, with the M and X for the higher ranges. This is further classified with a number 1.0 through to 9.9. The accompanying optical classification starts at importance 1 up to importance 4, with the brightness as F for 'faint', N for 'normal', B for 'brilliant'. The flare reported this week was a C9.2/1F, which means it was a medium range flare with a faint optical brightness.

And lastly the solar forecast:

This week, the quiet side of the sun will be looking our way this week so geomagnetic activity is expected to be quiet. HF band conditions are expected to be normal with MUFs up to 30MHz during the day light hours and 18MHz for the darkness hours.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 S Y and G7 N Y series, and Novice calls in the 2 0 A E and 2 1 B J series. .

You're listening to GB2RS, the news broadcasting service of the Radio Society of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.
--
  - Postings to rec.radio.info:  rec-radio-info@ve6mgs.ampr.ab.ca
  - rec.radio.info administrivia:  rec-radio-request@ve6mgs.ampr.ab.ca

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Date: 22 Jan 1993 17:58:07 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!news.bbn.com!bbn.com!levin@network.UCSD.EDU
To: packet-radio@ucsd.edu

References <1993Jan20.075452.1@camins.camosun.bc.ca>,
<1jodgsINNfhs@lucy.cs.widener.edu>, <1993Jan22.135838.15824@cbnewse.cb.att.com>-
Subject : Re: NEED HELP FINDING OLD CALLSIGN

In <1993Jan22.135838.15824@cbnewse.cb.att.com>
  parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) said:
|Also, some people *incorrectly* assume that you can tell how
|long a ham has been licensed from the data on these servers.

True, but you do get an upper bound!

     /JBL
=
Nets: levin@bbn.com  |  "GO TO JAIL.  Go directly to jail. Do not pass
POTS: (617)873-3463  |  Go.  Do not collect $200."
              N1MNF  |           -- Parker Brothers

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End of Packet-Radio Digest V93 #22
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